

Storm Data and Unusual Weather Phenomena - October 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
IOWA, Northeast				

CLAYTON COUNTY --- 0.1 NE MARQUETTE [43.05, -91.18], 0.6 S MARQUETTE [43.04, -91.18], 0.5 NE MC GREGOR [43.02, -91.17], 2.5 SSE MC GREGOR [42.99, -91.16], 2.5 SSE MC GREGOR [42.99, -91.16], 0.6 SSE MARQUETTE [43.04, -91.18], 0.2 ENE MARQUETTE [43.05, -91.18]

10/01/10 00:00 CST	0	Flood (due to Heavy Rain)
10/10/10 16:00 CST	0	Source: River/Stream Gage

Flooding that began along the Mississippi River at McGregor in late September continued into October before ending during the first part of the month. The river exceeded the flood stage from the first of the month through the 10th and crested almost three and a half feet above the flood stage at 19.43 feet.

CLAYTON COUNTY --- 1.1 N GUTTENBERG ARPT [42.84, -91.10], 0.1 WNW GUTTENBERG ARPT [42.82, -91.10], 1.0 SSW GUTTENBERG ARPT [42.81, -91.11], 0.4 SE GUTTENBURG [42.78, -91.10], 1.3 SE GUTTENBURG [42.77, -91.08], 1.7 ESE GUTTENBURG [42.77, -91.07], 1.1 ENE GUTTENBERG ARPT [42.83, -91.08]

10/01/10 00:00 CST	0	Flood (due to Heavy Rain)
10/10/10 01:00 CST	0	Source: River/Stream Gage

Flooding that began along the Mississippi River at Guttenberg in late September continued into October before ending during the first part of the month. The river exceeded the flood stage from the first of the month through the 10th and crested over two and a half feet above the flood stage at 17.84 feet.

Flooding that began in late September along the Mississippi River ended in the first part of October.

(IA-Z008) MITCHELL, (IA-Z009) HOWARD, (IA-Z010) WINNESHIEK, (IA-Z011) ALLAMAKEE, (IA-Z018) FLOYD, (IA-Z019) CHICKASAW, (IA-Z029) FAYETTE, (IA-Z030) CLAYTON

10/26/10 10:45 CST		31K	High Wind (MAX 77 kt)
10/27/10 17:21 CST	1	0	

A low pressure system deepened over northern Minnesota and was responsible for high winds across northeast Iowa in the morning hours of October 26th into the daytime hours of the 27th. The winds produced gusts up to 60 miles per hour near Harpers Ferry (Allamakee) in the morning hours of October 27th. The high winds blew over a Freightliner truck and injured the driver near Monona (Clayton), damaged buildings in Clayton County, caused power outages that affected 1400 customers in Charles City (Floyd) and prompted Valley Community Schools (Fayette) to close early.

MINNESOTA, Southeast

WABASHA COUNTY --- 1.5 W READS LNDG [44.40, -92.11], 0.2 SE READS LNDG [44.40, -92.08], 0.4 E WABASHA [44.38, -92.02], 0.5 E WABASHA [44.38, -92.02], 1.2 E READS LNDG [44.40, -92.06], 1.6 NW READS LNDG [44.41, -92.11]

10/01/10 00:00 CST	0	Flood (due to Heavy Rain)
10/09/10 11:00 CST	0	Source: River/Stream Gage

The flooding that began in late September along the Mississippi River at Wabasha came to an end as the river went below flood stage.

WINONA COUNTY --- 0.8 ESE WINONA MUNI ARPT [44.08, -91.68], 0.6 N WINONA [44.06, -91.65], 1.8 E WINONA [44.05, -91.61], 1.8 E WINONA [44.05, -91.61], 1.1 NE WINONA [44.06, -91.64], 1.7 ENE WINONA MUNI ARPT [44.09, -91.67]

10/01/10 00:00 CST	0	Flood (due to Heavy Rain)
10/01/10 14:00 CST	0	Source: River/Stream Gage

The flooding that began in late September along the Mississippi River at Winona came to an end as the river went below flood stage.

Flooding that began in late September along the Mississippi River ended in the first part of October.

(MN-Z079) WABASHA, (MN-Z086) DODGE, (MN-Z087) OLMSTED, (MN-Z088) WINONA, (MN-Z094) MOWER, (MN-Z095) FILLMORE, (MN-Z096) HOUSTON

10/26/10 10:45 CST	41K	High Wind (MAX 56 kt)
10/27/10 17:00 CST	0	

A low pressure system deepened over northern Minnesota and set the Minnesota state record for the lowest recorded barometric pressure. This system was responsible for high winds across portions of southeast Minnesota in the morning hours of October 26th and the daytime hours of the 27th. Sustained wind speeds of 30 to 40 miles per hour were measured at the airports in Rochester (Olmsted), Austin (Mower) and Dodge Center (Dodge). A peak wind gust of 63 miles per hour was measured two miles southeast of

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Eyota (Olmsted) from the Minnesota Department of Transportation automated weather observing equipment. The high winds knocked down several trees, some onto power lines, and damaged building roofs.

WISCONSIN, Southwest

GRANT COUNTY --- 5.0 ENE MUSCODA [43.21, -90.36], 1.7 NNE MUSCODA [43.20, -90.44], 2.8 NNE BLUE RIVER [43.22, -90.54], 1.9 NE BLUE RIVER [43.20, -90.55], 1.4 NE MUSCODA [43.19, -90.43], 5.0 ENE MUSCODA [43.20, -90.36]

10/01/10 00:00 CST	0	Flood (due to Heavy Rain)
10/01/10 01:00 CST	0	Source: River/Stream Gage

The flooding that began in late September along the Wisconsin River at Muscoda came to an end as the river went below flood stage.

LA CROSSE COUNTY --- 1.3 NNW LA CROSSE [43.82, -91.25], 0.7 SW LA CROSSE [43.79, -91.26], 1.6 SSE LA CROSSE [43.78, -91.24], 1.8 S LA CROSSE [43.77, -91.24], 0.8 SW LA CROSSE [43.79, -91.26], 2.0 NW LA CROSSE [43.82, -91.27]

10/01/10 00:00 CST	0	Flood (due to Heavy Rain)
10/02/10 09:00 CST	0	Source: River/Stream Gage

The flooding that began in late September along the Mississippi River at La Crosse came to an end as the river went below flood stage.

Flooding that began in late September along the Wisconsin and Mississippi Rivers ended in early October.

(WI-Z017) TAYLOR, (WI-Z029) CLARK, (WI-Z032) BUFFALO, (WI-Z033) TREMPLEAU, (WI-Z034) JACKSON, (WI-Z041) LA CROSSE, (WI-Z042) MONROE, (WI-Z043) JUNEAU, (WI-Z044) ADAMS, (WI-Z053) VERNON, (WI-Z054) CRAWFORD, (WI-Z055) RICHLAND, (WI-Z061) GRANT

10/26/10 11:00 CST		0.20M	High Wind (MAX 61 kt)
10/27/10 17:35 CST	1	0	

A low pressure system deepened over northern Minnesota and set the Wisconsin state record for the lowest recorded barometric pressure. This system was responsible for high winds across portions of southwest and central Wisconsin in the morning hours of October 26th and the daytime hours of the 27th. Automated weather observing equipment measured wind gusts of 59 miles per hour at La Crosse (La Crosse) and 58 miles per hour at Platteville (Grant). The high winds knocked down a tree onto a vehicle and injuring the driver in Crawford County. Numerous trees blown were blown down, some power lines also came down causing power outages across western and central Wisconsin. Sporadic damage to roofs and buildings also occurred.